

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--|------------------|---------|------------------|
| S1 | 5714 | (358/1.1,1.7,3.01,3.02,3.03,3.04,3.05,3.06,3.3,1.18,521).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 18:16 |
| S2 | 25010 | (358/1.1,1.2,1.3,1.4,1.5,1.6,1.7,1.8,1.9,1.11,1.12,1.13,1.14,1.15,1.16,1.17,1.18,3.01,3.02,3.03,3.04,3.05,3.06,521).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 18:23 |
| S3 | 18 | (light\$2 near5 beam\$2) with (intensit\$5) with (high\$5) with (highlight\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 18:29 |
| S4 | 109 | record\$5 adj duty adj (ratio or cycle) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 18:28 |
| S5 | 2 | (light\$2 near5 beam\$2) with (intensit\$5) with (high\$5) with (highlight\$5) same (gradation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 18:31 |
| S6 | 2 | (light\$2 near5 beam\$2) with (intensit\$5) with (high\$5) with (highlight\$5) same (gradation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 18:31 |
| S7 | 1 | (light\$2 near5 beam\$2) with (intensit\$5) with (high\$5) with (highlight\$5) same (gradation) and S4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 18:32 |

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| S8 | 22329 | ((half\$ton\$3 or (half adj ton\$3)) adj dot\$3) or ((super adj pixel\$3) or (super\$pixel\$3)) or ((sub\$pixel\$3) or (sub adj pixel\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 18:37 |
| S9 | 22329 | (((half\$ton\$3 or (half adj ton\$3)) adj dot\$3)) or ((super adj pixel\$3) or (super\$pixel\$3)) or ((sub\$pixel\$3) or (sub adj pixel\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 18:37 |
| S10 | 7327 | (((half\$ton\$3 or (half adj ton\$3)) adj dot\$3)) or ((super adj pixel\$3) or (super\$pixel\$3)) or ((sub\$pixel\$3) or (sub adj pixel\$3)) and (modulat\$5 near5 intensit\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 18:38 |
| S11 | 6903 | (((half\$ton\$3 or (half adj ton\$3)) adj dot\$3)) or ((super adj pixel\$3) or (super\$pixel\$3)) or ((sub\$pixel\$3) or (sub adj pixel\$3)) same (modulat\$5 near5 intensit\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 18:38 |
| S12 | 6876 | (((half\$ton\$3 or (half adj ton\$3)) adj dot\$3)) or ((super adj pixel\$3) or (super\$pixel\$3)) or ((sub\$pixel\$3) or (sub adj pixel\$3)) with (modulat\$5 near5 intensit\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 18:51 |
| S13 | 6870 | (((half\$ton\$3 or (half adj ton\$3)) adj dot\$3)) or ((super adj pixel\$3) or (super\$pixel\$3)) or ((sub\$pixel\$3) or (sub adj pixel\$3)) near9 (modulat\$5 near5 intensit\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 18:52 |
| S14 | 6939 | (((half\$ton\$3 or (half adj ton\$3)) adj dot\$3)) or ((super adj pixel\$3) or (super\$pixel\$3)) or ((sub\$pixel\$3) or (sub adj pixel\$3)) near9 ((modulat\$5 or adjust\$3 or var\$3) near5 (intensit\$5 or power)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 18:54 |

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| S15 | 6948 | ((half\$ton\$3 or (half adj ton\$3)) adj dot\$3)) or ((super adj pixel\$3) or (super\$pixel\$3)) or ((sub\$pixel\$3) or (sub adj pixel\$3)) with ((modulat\$5 or adjust\$3 or var\$3) near5 (intensit\$5 or power)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 18:54 |
| S16 | 7022 | ((half\$ton\$3 or (half adj ton\$3)) adj dot\$3)) or ((super adj pixel\$3) or (super\$pixel\$3)) or ((sub\$pixel\$3) or (sub adj pixel\$3)) same ((modulat\$5 or adjust\$3 or var\$3) near5 (intensit\$5 or power)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 18:55 |
| S17 | 8395 | ((half\$ton\$3 or (half adj ton\$3)) adj dot\$3)) or ((super adj pixel\$3) or (super\$pixel\$3)) or ((sub\$pixel\$3) or (sub adj pixel\$3)) and ((modulat\$5 or adjust\$3 or var\$3) near5 (intensit\$5 or power)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 18:56 |
| S18 | 6843 | ((half\$ton\$3 or (half adj ton\$3)) adj dot\$3)) or ((super adj pixel\$3) or (super\$pixel\$3)) or ((sub\$pixel\$3) or (sub adj pixel\$3)) and ((modulat\$5 or adjust\$3 or var\$3) near5 (intensit\$5 or power)) and S4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 18:57 |
| S19 | 6843 | ((half\$ton\$3 or (half adj ton\$3)) adj dot\$3)) or ((super adj pixel\$3) or (super\$pixel\$3)) or ((sub\$pixel\$3) or (sub adj pixel\$3)) and ((modulat\$5 or adjust\$3 or var\$3) near5 (intensit\$5 or power)) and S4 and S3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 18:58 |
| S20 | 1 | (((((half\$ton\$3 or (half adj ton\$3)) adj dot\$3)) or ((super adj pixel\$3) or (super\$pixel\$3)) or ((sub\$pixel\$3) or (sub adj pixel\$3)) and ((modulat\$5 or adjust\$3 or var\$3) near5 (intensit\$5 or power)))) and S4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/18 18:59 |
| S21 | 1878 | record\$5 with duty with (ratio or cycle) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/18 19:00 |

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| S22 | 29 | record\$5 with duty with (ratio or cycle) same (light with beam with intensit\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/18 19:01 |
| S23 | 2 | record\$5 with duty with (ratio or cycle) same (light with beam with intensit\$3) same (highlight\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/18 19:03 |
| S24 | 1 | record\$5 with duty with (ratio or cycle) same (light with beam with intensit\$3) same (highlight\$5) same (gradation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/18 19:01 |
| S25 | 91 | (light with beam with intensit\$3) same (highlight\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/18 19:05 |
| S26 | 16 | (light with beam with intensit\$3) same (highlight\$5) same (ratio or cycle) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/18 19:04 |
| S27 | 2 | (light with beam with intensit\$3) same (highlight\$5) same ((record\$3 or duty) with (ratio or cycle)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/18 19:05 |
| S28 | 119 | (light with beam with intensit\$3) same (highlight\$5 or (gradation with photosensitive)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/18 19:08 |

EAST Search History

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|-----|-------|--|--|-----|-----|------------------|
| S29 | 2 | (light with beam with intensit\$3) same (highlight\$5 or (gradation with photosensitive)) same ((low adj pass adj filter) or (record\$3 adj duty adj ratio)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/18 19:09 |
| S30 | 2 | (light with beam with intensit\$3) same (highlight\$5 or (gradation with photosensitive)) same ((low with pass with filter) or (record\$3 with duty with ratio)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/18 19:11 |
| S31 | 14776 | (358/1.1,1.2,1.6,1.7,1.9,2.1,3.01,3.02,3.03,3.04,3.05,3.06,3.09,3.1,3.13,3.3,1.11,1.18,521).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:19 |
| S32 | 484 | (382/264).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:20 |
| S33 | 26038 | S1 or S2 or S31 or S32 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:21 |
| S34 | 3 | S33 and S3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:21 |
| S35 | 4 | S33 and S4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:21 |

EAST Search History

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|-----|------|-------------|--|----|-----|------------------|
| S36 | 1351 | S33 and S8 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:22 |
| S37 | 1351 | S33 and S9 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:22 |
| S38 | 1084 | S33 and S10 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:22 |
| S39 | 1075 | S33 and S11 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:22 |
| S40 | 1075 | S33 and S12 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:22 |
| S41 | 1075 | S33 and S13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:22 |
| S42 | 1075 | S33 and S14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:23 |

EAST Search History

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| S43 | 1075 | S33 and S15 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:23 |
| S44 | 1077 | S33 and S16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:23 |
| S45 | 1110 | S33 and S17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:23 |
| S46 | 1074 | S33 and S18 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:23 |
| S47 | 19 | S33 and S21 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:24 |
| S48 | 1 | S33 and S22 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:24 |
| S49 | 3 | S33 and S25 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:24 |

EAST Search History

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| S50 | 1 | S33 and S26 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:24 |
| S51 | 8 | S33 and S28 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:25 |
| S52 | 1 | S33 and S29 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:25 |
| S53 | 1 | S33 and S30 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:25 |
| S54 | 1074 | S33 and S19 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:27 |
| S55 | 1 | S33 and S23 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:34 |
| S56 | 150777 | (record\$3 with duty with (ratio or cycle)) or (low with pass with filter) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/18 19:36 |

EAST Search History

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|-----|--------|--|--|-----|-----|------------------|
| S57 | 159106 | ((record\$3 with duty with (ratio or cycle)) or (low with pass with filter) or (detect\$4 with duty with (ratio or cycle))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/09/18 19:37 |
| S58 | 4353 | ((record\$3 with duty with (ratio or cycle)) or (low with pass with filter) or (detect\$4 with duty with (ratio or cycle))) same (intensit\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/09/18 19:38 |
| S59 | 1424 | ((record\$3 with duty with (ratio or cycle)) or (low with pass with filter) or (detect\$4 with duty with (ratio or cycle))) same (intensit\$4 with light) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/09/18 19:39 |
| S60 | 5 | ((record\$3 with duty with (ratio or cycle)) or (low with pass with filter) or (detect\$4 with duty with (ratio or cycle))) same (intensit\$4 with light) same (highlight\$4 or gradation\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/09/18 19:40 |
| S61 | 845 | ((record\$3 with duty with (ratio or cycle)) or (low with pass with filter) or (detect\$4 with duty with (ratio or cycle))) and (intensit\$4 with light) and (highlight\$4 or gradation\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/09/18 19:41 |
| S62 | 116 | ((record\$3 with duty with (ratio or cycle)) or (low with pass with filter) or (detect\$4 with duty with (ratio or cycle))) and ((intensit\$4 with light) same (highlight\$4 or gradation\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/09/19 15:05 |
| S63 | 47 | S33 and S58 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/09/18 19:42 |

EAST Search History

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| S64 | 7 | S33 and S59 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/09/18 19:42 |
| S65 | 1 | S33 and S60 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/09/18 19:42 |
| S66 | 47 | S33 and S61 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/09/18 19:43 |
| S67 | 13 | S33 and S62 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/09/18 19:43 |
| S68 | 159106 | ((record\$3 with duty with (ratio or cycle)) or (low with pass with filter) or (detect\$4 with duty with (ratio or cycle))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/09/19 15:04 |
| S69 | 172423 | ((record\$3 with duty with (ratio or cycle)) or (low with pass with filter\$2) or (detect\$4 with duty with (ratio or cycle))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/09/19 15:04 |
| S70 | 1016 | ((record\$3 with duty with (ratio or cycle)) or (low with pass with filter\$2) or (detect\$4 with duty with (ratio or cycle))) and ((intensit\$4 with (light\$2 or beam\$2)) and (highlight\$4 or gradation\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/09/19 15:07 |

EAST Search History

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| S71 | 1019 | ((record\$3 with duty with (ratio or cycle)) or (low with pass with filter\$2) or (detect\$4 with duty with (ratio or cycle))) and ((intensit\$4 with (light\$2 or beam\$2)) and (highlight\$4 or gradation\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:08 |
| S72 | 7 | ((record\$3 with duty with (ratio or cycle)) or (low with pass with filter\$2) or (detect\$4 with duty with (ratio or cycle))) same ((intensit\$4 with (light\$2 or beam\$2)) same (highlight\$4 or gradation\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:08 |
| S73 | 146 | ((record\$3 with duty with (ratio or cycle)) or (low with pass with filter\$2) or (detect\$4 with duty with (ratio or cycle))) and ((intensit\$4 with (light\$2 or beam\$2)) same (highlight\$4 or gradation\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:08 |
| S74 | 146 | ((record\$3 with duty with (ratio or cycle)) or (low with pass with filter\$2) or (detect\$4 with duty with (ratio or cycle))) and (((intensit\$4 with (light\$2 or beam\$2)) same (highlight\$4 or gradation\$4))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:17 |
| S75 | 9 | ((record\$3 with duty with (ratio or cycle)) or (low with pass with filter\$2) or (detect\$4 with duty with (ratio or cycle))) same (((intensit\$4 with (light\$2 or beam\$2)) and (highlight\$4 or gradation\$4))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:09 |
| S76 | 9 | ((record\$3 with duty with (ratio or cycle)) or (low with pass with filter\$2) or (detect\$4 with duty with (ratio or cycle))) same (((intensit\$4 with (light\$2 or beam\$2))) and (highlight\$4 or gradation\$4))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:10 |
| S77 | 2 | ((record\$3 with duty with (ratio or cycle)) or (low with pass with filter\$2) or (detect\$4 with duty with (ratio or cycle))) with (((intensit\$4 with (light\$2 or beam\$2))) with (highlight\$4 or gradation\$4))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:10 |

EAST Search History

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| S78 | 2 | ((record\$3 with duty with (ratio or cycle)) or (low with pass with filter\$2) or (detect\$4 with duty with (ratio or cycle))) with (((intensit\$4 with (light\$2 or beam\$2))) same (highlight\$4 or gradation\$4))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:11 |
| S79 | 3 | ((record\$3 with duty with (ratio or cycle)) or (low with pass with filter\$2) or (detect\$4 with duty with (ratio or cycle))) same (((intensit\$4 with (light\$2 or beam\$2))) with (highlight\$4 or gradation\$4))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:11 |
| S80 | 5714 | (358/1.1,1.7,3.01,3.02,3.03,3.04,3.05,3.06,3.3,1.18,521).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/19 15:12 |
| S81 | 25010 | (358/1.1,1.2,1.3,1.4,1.5,1.6,1.7,1.8,1.9,1.11,1.12,1.13,1.14,1.15,1.16,1.17,1.18,3.01,3.02,3.03,3.04,3.05,3.06,521).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/19 15:12 |
| S82 | 14776 | (358/1.1,1.2,1.6,1.7,1.9,2.1,3.01,3.02,3.03,3.04,3.05,3.06,3.09,3.1,3.13,3.3,1.11,1.18,521).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/19 15:12 |
| S83 | 484 | (382/264).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/19 15:12 |
| S84 | 26038 | S80 or S81 or S82 or S83 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/19 15:12 |

EAST Search History

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|-----|----|-------------|--|----|----|------------------|
| S85 | 52 | S84 and S70 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 15:12 |
| S86 | 52 | S84 and S71 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 15:12 |
| S87 | 1 | S84 and S72 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 15:13 |
| S88 | 13 | S84 and S73 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 15:13 |
| S89 | 13 | S84 and S74 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 15:13 |
| S90 | 1 | S84 and S75 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 15:13 |
| S91 | 1 | S84 and S76 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 15:13 |

EAST Search History

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| S92 | 185 | (record\$4 with duty with ratio) and (light with beam with intensit\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:18 |
| S93 | 2824 | ((record\$4 with duty with ratio) or (low with pass with filter\$2)) and (light with beam with intensit\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:19 |
| S94 | 205 | ((record\$4 with duty with ratio) or (low with pass with filter\$2)) and (light with beam with intensit\$5) and (highlight\$5 or gradation\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:21 |
| S95 | 6 | ((record\$4 with duty with ratio) or (low with pass with filter\$2)) same (light with beam with intensit\$5) and (highlight\$5 or gradation\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:21 |
| S96 | 6 | ((record\$4 with duty with ratio) or (low with pass with filter\$2)) same (light with beam with intensit\$5)) and (highlight\$5 or gradation\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:21 |
| S97 | 2 | ((record\$4 with duty with ratio) or (low with pass with filter\$2)) same (light with beam with intensit\$5)) same (highlight\$5 or gradation\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:21 |
| S98 | 210 | ((record\$4 with duty with ratio) or (low with pass with filter\$2) or (detect\$5 with duty with ratio)) and (light with beam with intensit\$5) and (highlight\$5 or gradation\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:22 |

EAST Search History

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| S99 | 2 | ((record\$4 with duty with ratio) or (low with pass with filter\$2) or (detect\$5 with duty with ratio)) same (light with beam with intensit\$5) same (highlight\$5 or gradation\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:23 |
| S10 0 | 2 | S84 and S92 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:23 |
| S10 1 | 21 | S84 and S93 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:23 |
| S10 2 | 14 | S84 and S94 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:23 |
| S10 3 | 1 | S84 and S95 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:23 |
| S10 4 | 1 | S84 and S96 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:24 |
| S10 5 | 16 | S84 and S98 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/09/19 15:24 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------|------------------|---------|------------------|
| S1 | 136 | (record\$3 and duty and ratio).clm. | US-PGPUB | OR | ON | 2007/09/19 16:12 |
| S2 | 5 | (record\$3 and duty and ratio\$2 and light\$2 and beam\$2 and intensit\$5).clm. | US-PGPUB | OR | ON | 2007/09/19 16:23 |
| S3 | 1 | (record\$3 and duty and ratio\$2 and light\$2 and beam\$2 and intensit\$5 and highlight\$3).clm. | US-PGPUB | OR | ON | 2007/09/19 16:23 |
| S4 | 26 | (photosensitive and duty and ratio).clm. | US-PGPUB | OR | ON | 2007/09/19 16:24 |
| S5 | 5 | (photosensitive and duty and ratio and intensit\$5).clm. | US-PGPUB | OR | ON | 2007/09/19 16:25 |
| S6 | 1 | (photosensitive and duty and ratio and intensit\$5 and highlight\$5).clm. | US-PGPUB | OR | ON | 2007/09/19 16:25 |
| S7 | 7983 | ((record\$3 and duty and ratio) or (low and pass and filter\$2)).clm. | US-PGPUB | OR | ON | 2007/09/19 16:26 |
| S8 | 35 | ((highlight\$5 or gradation\$3) and ((record\$3 and duty and ratio) or (low and pass and filter\$2))).clm. | US-PGPUB | OR | ON | 2007/09/19 16:31 |
| S9 | 9 | ((highlight\$5 or gradation\$3) and (light or beam) and ((record\$3 and duty and ratio) or (low and pass and filter\$2))).clm. | US-PGPUB | OR | ON | 2007/09/19 16:31 |
| S10 | 9 | ((highlight\$5 or gradation\$3) and (light\$2 or beam\$2) and ((record\$3 and duty and ratio) or (low and pass and filter\$2))).clm. | US-PGPUB | OR | ON | 2007/09/19 16:31 |
| S11 | 5 | ((highlight\$5 or gradation\$3) and (light\$2 or beam\$2) and (intensit\$5) and ((record\$3 and duty and ratio) or (low and pass and filter\$2))).clm. | US-PGPUB | OR | ON | 2007/09/19 16:32 |
| S12 | 1 | ((highlight\$5 or gradation\$3) and (light\$2 or beam\$2) and (intensit\$5) and (photosensitive) and ((record\$3 and duty and ratio) or (low and pass and filter\$2))).clm. | US-PGPUB | OR | ON | 2007/09/19 16:34 |
| S13 | 4055 | (intensit\$5 and modulat\$5).clm. | US-PGPUB | OR | ON | 2007/09/19 16:46 |
| S14 | 2790 | (intensit\$5 and modulat\$5 and light\$2).clm. | US-PGPUB | OR | ON | 2007/09/19 16:47 |
| S15 | 1265 | (intensit\$5 and modulat\$5 and light\$2 and beam\$2).clm. | US-PGPUB | OR | ON | 2007/09/19 16:48 |
| S16 | 668 | (intensit\$5 and modulat\$5 and light\$2 and beam\$2 and detect\$5).clm. | US-PGPUB | OR | ON | 2007/09/19 16:48 |

EAST Search History

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|-----|------|--|----------|----|----|------------------|
| S17 | 290 | (intensit\$5 and modulat\$5 and light\$2 and beam\$2 and detect\$5 and image\$2).clm. | US-PGPUB | OR | ON | 2007/09/19 16:48 |
| S18 | 17 | (intensit\$5 and modulat\$5 and light\$2 and beam\$2 and detect\$5 and image\$2 and photosensitive\$2).clm. | US-PGPUB | OR | ON | 2007/09/19 16:49 |
| S19 | 1 | (intensit\$5 and modulat\$5 and light\$2 and beam\$2 and detect\$5 and image\$2 and photosensitive\$2 and gradation\$3).clm. | US-PGPUB | OR | ON | 2007/09/19 16:49 |
| S20 | 117 | (gradation\$3 and intensit\$5).clm. | US-PGPUB | OR | ON | 2007/09/19 16:50 |
| S21 | 3 | (gradation\$3 and intensit\$5 and highlight\$5).clm. | US-PGPUB | OR | ON | 2007/09/19 16:50 |
| S22 | 1 | (gradation\$3 and intensit\$5 and highlight\$5 and compar\$5).clm. | US-PGPUB | OR | ON | 2007/09/19 16:50 |
| S23 | 68 | (record\$5 and duty and ratio and detect\$5).clm. | US-PGPUB | OR | ON | 2007/09/19 16:51 |
| S24 | 30 | (record\$5 and duty and ratio and detect\$5 and light\$3).clm. | US-PGPUB | OR | ON | 2007/09/19 16:51 |
| S25 | 17 | (record\$5 and duty and ratio and detect\$5 and light\$3 and beam\$3).clm. | US-PGPUB | OR | ON | 2007/09/19 16:52 |
| S26 | 2 | (record\$5 and duty and ratio and detect\$5 and light\$3 and beam\$3 and intensit\$5).clm. | US-PGPUB | OR | ON | 2007/09/19 16:52 |
| S27 | 1 | (record\$5 and duty and ratio and detect\$5 and light\$3 and beam\$3 and intensit\$5 and modulat\$5).clm. | US-PGPUB | OR | ON | 2007/09/19 16:53 |
| S28 | 1236 | (photosensitive and light\$2 and beam\$2).clm. | US-PGPUB | OR | ON | 2007/09/19 16:54 |
| S29 | 237 | (photosensitive and light\$2 and beam\$2 and intensit\$5).clm. | US-PGPUB | OR | ON | 2007/09/19 16:54 |
| S30 | 26 | (photosensitive and light\$2 and beam\$2 and intensit\$5 and pixel\$3).clm. | US-PGPUB | OR | ON | 2007/09/19 16:54 |
| S31 | 0 | (photosensitive and light\$2 and beam\$2 and intensit\$5 and pixel\$3 and gradation\$3).clm. | US-PGPUB | OR | ON | 2007/09/19 16:55 |
| S32 | 0 | (photosensitive and light\$2 and beam\$2 and intensit\$5 and pixel\$3 and gradation).clm. | US-PGPUB | OR | ON | 2007/09/19 16:55 |
| S33 | 0 | (photosensitive and light\$2 and beam\$2 and intensit\$5 and pixel\$3 and highlight).clm. | US-PGPUB | OR | ON | 2007/09/19 16:55 |

EAST Search History

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| S34 | 2 | (photosensitive and light\$2 and beam\$2 and intensit\$5 and highlight).clm. | US-PGPUB | OR | ON | 2007/09/19 16:56 |
| S35 | 1 | (photosensitive and light\$2 and beam\$2 and intensit\$5 and highlight and gradation).clm. | US-PGPUB | OR | ON | 2007/09/19 16:56 |
| S36 | 754 | (Takeshi near9 Fujii).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 16:57 |
| S37 | 16 | S36 and (record\$3 and duty and ratio) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:15 |
| S38 | 16 | S36 and (record\$3 and duty and ratio and light and beam) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:15 |
| S39 | 14 | S36 and (record\$3 and duty and ratio and light and beam and intensit\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:15 |
| S40 | 1 | S36 and (record\$3 and duty and ratio and light and beam and intensit\$5 and gradation\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:16 |
| S41 | 1 | S36 and (record\$3 and duty and ratio and light and beam and intensit\$5 and highlight) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:17 |

EAST Search History

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| S42 | 14 | S36 and (record\$3 and duty and ratio and light and beam and intensit\$5 and photosensitive) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:17 |
| S43 | 1 | S36 and (record\$3 and duty and ratio and light and beam and intensit\$5 and photosensitive and highlight\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:17 |
| S44 | 1 | S36 and (record\$3 and duty and ratio and light and beam and intensit\$5 and photosensitive and gradation\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:18 |
| S45 | 1 | S36 and ((record\$3 and duty and ratio).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:18 |
| S46 | 9 | S36 and ((light and beam and intensit\$5).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:18 |
| S47 | 1 | S36 and ((light and beam and intensit\$5 and highlight\$5).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:14 |
| S48 | 1 | S36 and ((light and beam and intensit\$5 and gradation\$3).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:14 |

EAST Search History

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| S49 | 2 | (Youichi near9 Hatano).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:06 |
| S50 | 2 | S49 and (record\$3 and duty and ratio) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:07 |
| S51 | 2 | S49 and (record\$3 and duty and ratio and light and beam) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:07 |
| S52 | 2 | S49 and (record\$3 and duty and ratio and light and beam and intensit\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:07 |
| S53 | 1 | S49 and (record\$3 and duty and ratio and light and beam and intensit\$5 and gradation\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:08 |
| S54 | 1 | S49 and (record\$3 and duty and ratio and light and beam and intensit\$5 and highlight) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:08 |
| S55 | 2 | S49 and (record\$3 and duty and ratio and light and beam and intensit\$5 and photosensitive) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:08 |

EAST Search History

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| S56 | 1 | S49 and (record\$3 and duty and ratio and light and beam and intensit\$5 and photosensitive and highlight\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:09 |
| S57 | 1 | S49 and (record\$3 and duty and ratio and light and beam and intensit\$5 and photosensitive and gradation\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:09 |
| S58 | 1 | S49 and ((record\$3 and duty and ratio).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:13 |
| S59 | 1 | S49 and ((light and beam and intensit\$5).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:09 |
| S60 | 1 | S49 and ((light and beam and intensit\$5 and highlight\$5).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:09 |
| S61 | 1 | S49 and ((light and beam and intensit\$5 and gradation\$3).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:10 |
| S62 | 207 | (Katsuto near9 Sumi).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:10 |

EAST Search History

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| S63 | 5 | S62 and (record\$3 and duty and ratio) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:11 |
| S64 | 5 | S62 and (record\$3 and duty and ratio and light and beam) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:11 |
| S65 | 5 | S62 and (record\$3 and duty and ratio and light and beam and intensit\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:11 |
| S66 | 2 | S62 and (record\$3 and duty and ratio and light and beam and intensit\$5 and gradation\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:12 |
| S67 | 2 | S62 and (record\$3 and duty and ratio and light and beam and intensit\$5 and highlight) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:12 |
| S68 | 4 | S62 and (record\$3 and duty and ratio and light and beam and intensit\$5 and photosensitive) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:12 |
| S69 | 1 | S62 and (record\$3 and duty and ratio and light and beam and intensit\$5 and photosensitive and highlight\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:12 |

EAST Search History

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| S70 | 1 | S62 and (record\$3 and duty and ratio and light and beam and intensit\$5 and photosensitive and gradation\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:13 |
| S71 | 1 | S62 and ((record\$3 and duty and ratio).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:13 |
| S72 | 3 | S62 and ((light and beam and intensit\$5).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:13 |
| S73 | 1 | S62 and ((light and beam and intensit\$5 and highlight\$5).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:19 |
| S74 | 1 | S62 and ((light and beam and intensit\$5 and gradation\$3).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:19 |
| S75 | 25 | (Akiko near9 Yamashita).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:15 |
| S76 | 2 | S75 and (record\$3 and duty and ratio) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:21 |

EAST Search History

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| S77 | 2 | S75 and (record\$3 and duty and ratio and light and beam) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:22 |
| S78 | 2 | S75 and (record\$3 and duty and ratio and light and beam and intensit\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:22 |
| S79 | 1 | S75 and (record\$3 and duty and ratio and light and beam and intensit\$5 and gradation\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:22 |
| S80 | 1 | S75 and (record\$3 and duty and ratio and light and beam and intensit\$5 and highlight) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:22 |
| S81 | 2 | S75 and (record\$3 and duty and ratio and light and beam and intensit\$5 and photosensitive) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:22 |
| S82 | 1 | S75 and (record\$3 and duty and ratio and light and beam and intensit\$5 and photosensitive and highlight\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:23 |
| S83 | 1 | S75 and (record\$3 and duty and ratio and light and beam and intensit\$5 and photosensitive and gradation\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:23 |

EAST Search History

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| S84 | 1 | S75 and ((record\$3 and duty and ratio).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:23 |
| S85 | 1 | S75 and ((light and beam and intensit\$5).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:23 |
| S86 | 1 | S75 and ((light and beam and intensit\$5 and highlight\$5).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:24 |
| S87 | 1 | S75 and ((light and beam and intensit\$5 and gradation\$3).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:24 |
| S88 | 22 | (Fumiaki near9 Miyamaru).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:21 |
| S89 | 2 | S88 and (record\$3 and duty and ratio) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:21 |
| S90 | 2 | S88 and (record\$3 and duty and ratio and light and beam) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:22 |

EAST Search History

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| S91 | 2 | S88 and (record\$3 and duty and ratio and light and beam and intensit\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:22 |
| S92 | 1 | S88 and (record\$3 and duty and ratio and light and beam and intensit\$5 and gradation\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:22 |
| S93 | 1 | S88 and (record\$3 and duty and ratio and light and beam and intensit\$5 and highlight) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:22 |
| S94 | 2 | S88 and (record\$3 and duty and ratio and light and beam and intensit\$5 and photosensitive) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:23 |
| S95 | 1 | S88 and (record\$3 and duty and ratio and light and beam and intensit\$5 and photosensitive and highlight\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:23 |
| S96 | 1 | S88 and (record\$3 and duty and ratio and light and beam and intensit\$5 and photosensitive and gradation\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:23 |
| S97 | 1 | S88 and ((record\$3 and duty and ratio).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:23 |

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| S98 | 1 | S88 and ((light and beam and intensit\$5).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:23 |
| S99 | 1 | S88 and ((light and beam and intensit\$5 and highlight\$5).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:24 |
| S100 | 1 | S88 and ((light and beam and intensit\$5 and gradation\$3).clm.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/19 17:24 |